

sequencelisting-21419.ST25
SEQUENCE LISTING

<110> Roche Vitamins AG

<120> A gene encoding vitamin B6 phosphate phosphatase and use thereof

<130> NDR5234

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<170> PatentIn version 3.1

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<212> PRT

<213> Sinorhizobium meliloti

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<213> Sinorhizobium meliloti

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<213> Sinorhizobium meliloti

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Pro Asn Asp Phe Leu Glu Arg
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<213> Sinorhizobium meliloti

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ctc ctg tcg ctg gag cct gcg gag gcg aag aag ctg cag aag gaa tac Leu Leu Ser Leu Glu Pro Ala Glu Ala Lys Lys Leu Gln Lys Glu Tyr 50 55 60	192
tac cgc gac cac ggc acc acg ctt cag ggc ctg atg ctt cat cac ggc Tyr Arg Asp His Gly Thr Thr Leu Gln Gly Leu Met Leu His His Gly 65 70 75 80	240
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gga cgc aag ttc atc ttc acc aac ggc agc gtc gcc cat gcg gag atg Gly Arg Lys Phe Ile Phe Thr Asn Gly Ser Val Ala His Ala Glu Met 115 120 125	384
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gag gat ctg ccg cgc aac ctg gtc gtc cct aag gcg ctc ggc atg aag Glu Asp Leu Pro Arg Asn Leu Val Val Pro Lys Ala Leu Gly Met Lys 180 185 190	576
acg gtg ctg ctc gtg ccg cgc aat ctc gaa tac gag ttc gcc gag gcc	624

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Thr Val Leu Leu Val Pro Arg Asn Leu Glu Tyr Glu Phe Ala Glu Ala
 195 200 205

tgg gaa acg tcg agc gac gcg gac gat cag atc gac tac gtc acg gaa 672
 Trp Glu Thr Ser Ser Asp Ala Asp Asp Gln Ile Asp Tyr Val Thr Glu
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<212> PRT

<213> Sinorhizobium meliloti

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 35 40 45

Leu Leu Ser Leu Glu Pro Ala Glu Ala Lys Lys Leu Gln Lys Glu Tyr
 50 55 60

Tyr Arg Asp His Gly Thr Thr Leu Gln Gly Leu Met Leu His His Gly
 65 70 75 80

Ile Asp Pro Asn Asp Phe Leu Glu Arg Ala His Ala Ile Asp Tyr Ser
 85 90 95

Val Val Pro Ala Asp Pro Ala Leu Gly Glu Ala Ile Lys Ala Leu Pro
 100 105 110

Gly Arg Lys Phe Ile Phe Thr Asn Gly Ser Val Ala His Ala Glu Met
 115 120 125

Thr Ala Arg Ala Leu Gly Ile Leu Glu His Phe Asn Asp Ile Phe Asp
 130 135 140

Ile Val Ala Ala Gly Phe Ile Pro Lys Pro Ala Gly Asp Thr Tyr Asp
 145 150 155 160

Lys Phe Met Gly Leu His Arg Ile Asp Thr Ala Asn Glu Val Met Phe
 165 170 175

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Glu Asp Leu Pro Arg Asn Leu Val Val Pro Lys Ala Leu Gly Met Lys
 180 185 190

Thr Val Leu Leu Val Pro Arg Asn Leu Glu Tyr Glu Phe Ala Glu Ala
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